3 in 1 Universal Adapter

LS-PAB90AD

User Manual

Product Feature:

1、 Smart slim appearance, easy taken;

2、 Supports AC and DC input, special for travel use;

3、 Standard USB output port，charge and supply power to MP3, mobile phone, digital camera etc products;

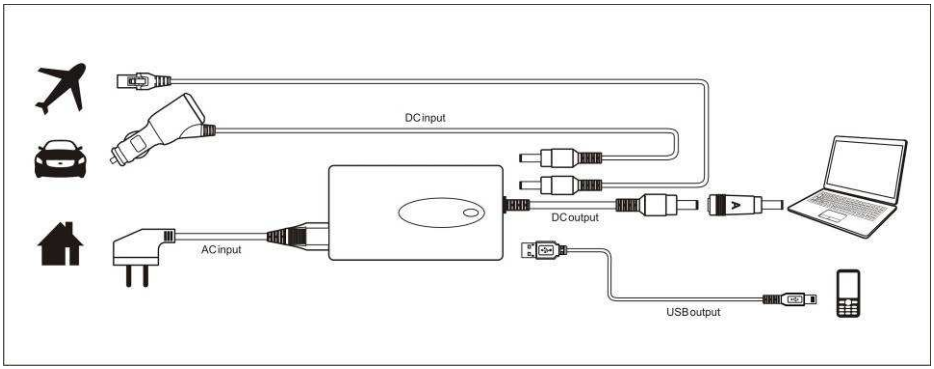
4、Many kinds of exchangeable DC tips，fit for hundreds of laptop models

5、AC input voltage 100-240V，for worldwide using ；

6、100 thousand level antistatic design, strong fireproof material for crust production, green and safe

7、Safety protection: OTP over-temperature protection，OVP over voltage protection, OCP over current protection, SCP short circuit protection.

Diagram of function：



Product specification:

AC input: 100~240V ~1.2A 50-60Hz

DC input: 11~24V　9A（MAX）

DC output: 18.5V-20.5V　4.5A(MAX) 90W

USB output: DC 5V 1A (MAX) 5W

Size：　143x77x29mm

Product Accessory:

1、 Adaptor body

2、 AC power cord

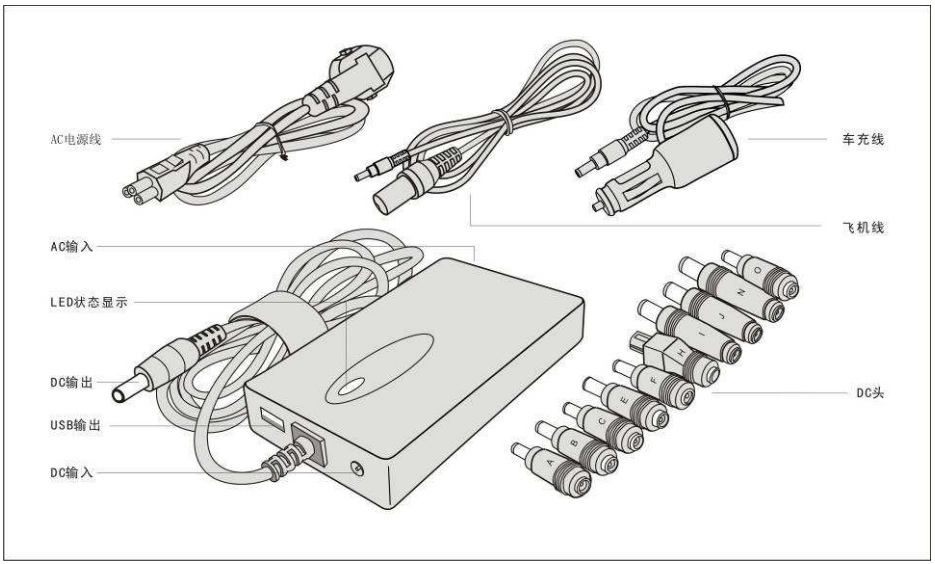
3、 Car cable(optional)

4、 Airplane cable(optional)

5、 Standard 5.5*2.5mm DC connector

6、 10 connectors：A、B、C、E、F、H、I、J、N、O

Product Diagram:



When the adaptor is connected by power source and laptops, the LED light shows red, if it happens to short circuit, over current, over load, the LED light will glitter to alarm.

1. When using AC power function, connect the adaptor to AC power (as picture A), choosing the right DC tip and connect it to DC output point (as picture B), then plug the tip to DC output point of the laptop, then it can work (as picture C).
2. When using car charger function, connect the car cable to the cigar-lighter of the car, connect the other end to the DC input point of the adaptor, others are the same as B,C
3. When using airplane power cable to supply power, please ask the steward to make sure whether the power system is available before using it, connect the airplane cable to the power system, the other end connected to the DC input point of the adaptor, then connect the product to work.

4. When using the USB function, connect the charging cable of the relative device to the USB output of ac adaptor, then it can be used for charging. (picture D)

Notice：

Please check that the accessories selected are compatible with laptop or battery according to your laptop manual instruction or relative device muanual . Please read this manual carefully before using. We are not responsible for any damage caused by incorrect operation.

Caution：

1. This device is for indoor, car or airplaine, don’t put or use it in high temperature and high moisture environment;
2. It’s a common phenomenon for the unit to feel hot when using;
3. Don’t drop or bumping to avoid the damage of electrical components.
4. Don’t try to disassemble or open the cover under any circumstance in order to avoid danger.

DC Specification

No.	Output voltage	Connectors spec.	Replacement
Standard Connectors	18.5-20.5V	5.5*2.5*10.7mm	**ACER:** 19V 3.42A, 19V 4.74A; **IBM:**19V/4.2A; **DELTA:**19V/2.64A.; **DELL:**19V/3.16A,19V/3.42A; **COMPAQ/HP:**18.5V/4.9A,19V/4.9A; **TOSHIBA:**19V/3.16A,19V/3.42A,19V/4.74A; **LS:**20V/3.25A; **LITEON:**19V/3.16A,19V/3.42A,19V/3.95A, 19V/4.74A; 20V/4.5A; **NEC:**19V/2.64A,19V/3.16A; **GATEWAY:**19V/3.16A,19V/3.42A, 19V/3.68A,19V/4.74A etc.
A	19V	4.8*1.7*10.7mm	**HP/COMPAQ:**18.5V/2.7A,18.5V/3.5A, 18.5V/3.8A,18.5V/4.9A; **DELTA:**19V/2.64A; **ASUS:**19V/2.64A; **NEC:**19V/2.64A etc.
B	19V	5.5*2.1*10.7mm	**ACER:** 19V/3.16A,19V/3.42A,19V/4.74; **LITEON:** 19V/3.16A,19V/3.42A; **NEC:** 19V/3.16A etc.
C	19V	5.5*3.0*10.7mm	**SAMSUNG:** 19V/3.16A,19V/3.75A, 19V/4.22A,19V/4.74A etc.
E	20V	6.0*4.3*10.7mm	**SONY:** 19.5V/2.7A,19.5V/3A,19.5V/4.1A,19.5V/4.7A; **FUJITSU:** 19V/3.16A, 19V/3.69A,19V/4.22A etc.
F	19V	5.5*1.7*10.7mm	**TOSHIBA:** 19V/3.95A. **ACER:**19V/3.42A; **DELTA:** 20V/3.5A etc.
H	20V	W7.3*7.4mm 3pin	**DELL:** 20V/3.5A,20V/4.5A etc.
I	19.5V	7.4*5.0*12.5mm	**DELL:** 19.5V/3.34A,19.5V/4.62A etc.
J	20V	7.9*12*9.5mm	**IBM/LENOVO:** 20V/3.25A,20V/4.5A etc.
N	18.5V	7.4*5.0*12.5mm	**HP/COMPAQ:** 18.5V/3.5A etc.
O	19V	4.8*1.7*10.7mm (slim)	**HP/COMPAQ:**19V/4.74A; 18.5V/3.5A etc.

Marks: All above referred famous brand right belongs to original factory.